

## ABSTRACT

A computer system comprising a plurality of computing entities includes automatic power management logic that automatically transitions the system to a state in which less power is consumed when appropriate. The determination as to when this transition should occur is based on determining when demand for the processing abilities of the system are reduced. Once the decision has been made to transition to a reduced power state, the system's power management logic makes this transition in such a way to preferably minimize or at least reduce the performance impact on the system. Also, rather than altering the power state of one of the computing entities in the system, the entity can be deployed as part of another computing system.

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